

CONVEYING



Material loaders

# METRO ECONOMY

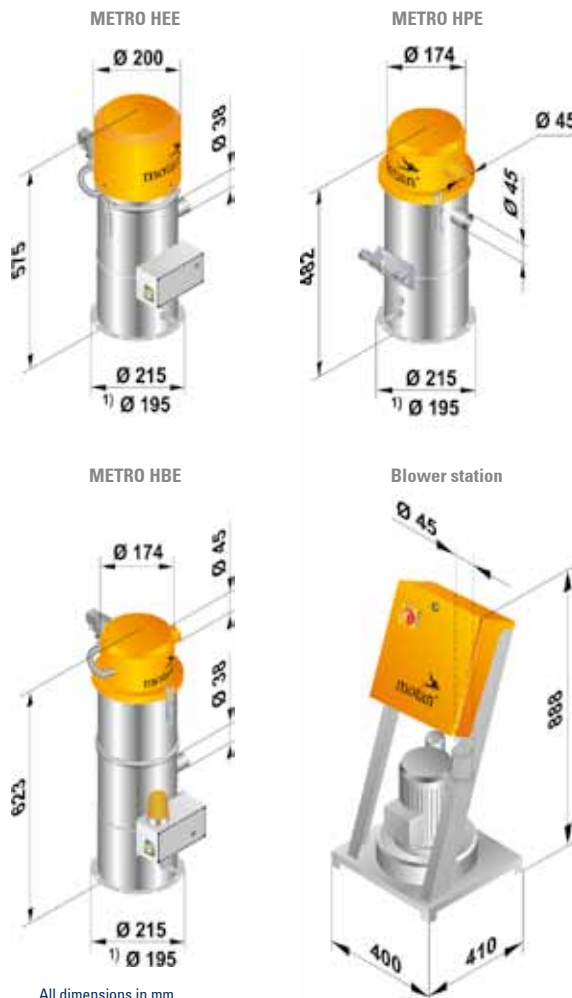
 think materials management



# METRO ECONOMY MATERIAL LOADERS

The METRO Economy material loaders convey plastic granulate quickly and cleanly to the hopper of a processing machine, a drying bin or a day bin. Material is delivered exactly when needed keeping machines running and avoiding costly downtime. Material wastage is eliminated and the work-space is kept clean and safe.

All METRO Economy material loaders are easy to install and simple to operate. They handle throughputs up to 350kg/h.



Technical data				
Hopper loader Type METRO Economy	HEE 50*	HPE 06	HBE 250**	HBE 350**
Volume (l)	6	6	6	6
Material throughput approx. (kg/h) ***	50	50	250	350
Filter cleaning	compressed air	implosion	compressed air	compressed air
Filter type	cloth	stainless steel screen	cloth	cloth
METROMIX connection	•	–	•	•
Connected load (kW)	1.1	–	–	–
Power supply (V/Hz)	1/N/PE 230/50	24 V/DC	1/N/PE 400/50	1/N/PE 400/50
Compressed air oil and water-free (bar)	5 - 7	5 - 7	5 - 7	5 - 7
Weight approx. (kg/h)	11	7	7.5	7.5
Colour RAL	2011	2011	2011	2011
<b>Blower</b>			<b>250</b>	<b>350</b>
Connected load (kW)	–	–	0.9	1.3
Power supply (V/Hz)	–	–	3/N/PE 400/50	3/N/PE 400/50
Weight approx. (kg/h)	–	–	39	45

<sup>1)</sup> Hole circle  
 \* The following items are included with delivery: 3m material hose (Ø38mm) and a suction probe  
 \*\* The following items are included with delivery: 5m material hose (Ø38mm) with suction probe and 5m vacuum hose (Ø45mm)  
 \*\*\* The material throughput refers to a conveying distance of 5m at a height of 3m. The information refers to materials with a bulk density of 0.6kg/dm<sup>3</sup>

Subject to technical changes

## YOUR BENEFITS

### Improved production efficiency through

- proven motan quality for trouble-free, reliable operation
- a first step to efficient, automated production
- processing machine which does not run empty – automatic alarm prompts for material supply
- avoiding health and safety risks – no material spillage, resulting in clean, safe floors and workspace
- easy access for cleaning
- automatic filter cleaning as standard
- quick and easy installation, simple to operate
- ready-to-use operation (material line set included)
- automatic proportioning of regrind through METROMIX proportioning valve

### Cost savings through

- space savings – no floor space needed beside the machine for raw material pallets and fork lift access
- material savings at least 1 to 2% – no spillage
- manpower savings – no manual delivery and loading
- automated material conveying – no contamination risk and consequent waste or spoiled production
- stainless steel construction – long service life, low maintenance

## Over 130 agencies world-wide.

China, Beijing  
 Tel. +86 10 8588-6968  
 sales@motan-colortronic.com.cn

France, Evry  
 Tel. +33 1 608 690-18  
 info@motan-colortronic.fr

Germany, Isny  
 Tel. +49 7562 76-0  
 info@motan-colortronic.de

Italy, Milan  
 Tel. +39 0292 1633 62  
 info@motan-colortronic.it

Switzerland, Hunzenschwil  
 Tel. +41 62 889 29-29  
 info@motan-colortronic.ch

China, Guangzhou  
 Tel. +86 20 2886-6688-8081  
 sales@motan-colortronic.com.cn

Germany, Bünde  
 Tel. +49 5223 68544-0  
 info@motan-colortronic.de

Great Britain, Chesterfield  
 Tel. +44 1 246 260 222  
 sales@motan-colortronic.co.uk

Japan, Hiroshima  
 Tel. +81 82 928-6150  
 info@semco.jp

Thailand, Bangkok  
 Tel. +66 2 717-1088  
 info@motan.co.th

China, Taicang  
 Tel. +86 512 5357-7066  
 sales@motan-colortronic.com.cn

Germany, Friedrichsdorf  
 Tel. +49 6175 792-167  
 info@motan-colortronic.de

India, Chennai  
 Tel. +91 44 2247-2423  
 info@motan-colortronic.co.in

Singapore  
 Tel. +65 6873-7666  
 info@motan-colortronic.com.sg

USA, Plainwell  
 Tel. +1 269 685-1050  
 motanusa@motan-inc.com

www.motan-colortronic.com

